

DERWENT-ACC-NO: 2002-473208

DERWENT-WEEK: 200869

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TITLE: Cosmetic or dermatological preparations for skin and/or hair care, containing Argania spinosa leaf extract, having e.g. sunscreen, antiinflammatory, antimicrobial, antioxidant and antiaging effects

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PATENT-ASSIGNEE:

ASSIGNEE	CODE
COGNIS FRANCE	COGI
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HENRY F	HENRI
LAB SEROBIOLOGIQUES SA	SERON
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PRIORITY-DATA: 2000EP-440319 (December 6, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
<u>EP 1213025</u>	June 12, 2002	DE
<u>A1</u>		
<u>WO 0245728</u>	June 13, 2002	DE
<u>A1</u>		
<u>AU 200227954</u>	June 18, 2002	EN
<u>A</u>		
<u>EP 1347768</u>	October 1, 2003	DE
<u>A1</u>		
<u>BR 200115967</u>	October 28, 2003	PT
<u>A</u>		
<u>KR 2003061834 A</u>	July 22, 2003	KO
<u>US 20040047832</u>	March 11, 2004	EN
<u>A1</u>		
<u>JP 2004517836 W</u>	June 17, 2004	JA
<u>US 7105184</u>	September 12, 2006	EN
<u>B2</u>		
		DE

<u>EP 1347768</u>	January
<u>B1</u>	23, 2008
<u>DE 50113541</u>	March DE
<u>G</u>	13, 2008
<u>ES 2300377</u>	June 16, ES
<u>T3</u>	2008
<u>JP 4167063</u>	October JA
<u>B2</u>	15, 2008

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR AU BR CN ID IN JP KR MA US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR DE ES FR GB IT

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	descriptor
EP 1213025A1	December 6, 2000	2000EP-440319	
BR 200115967A	November 28, 2001	2001BR-015967	
DE 50113541G	November 28, 2001	2001DE-513541	
EP 1347768A1	November 28, 2001	2001EP-989530	
EP 1347768B1	November 28, 2001	2001EP-989530	
W02002045728A1	November 28, 2001	2001WO-EP13885	
EP 1347768A1	November 28, 2001	2001WO-EP13885	PCT Application
BR 200115967A	November 28, 2001	2001WO-EP13885	PCT Application
US20040047832A1	November 28, 2001	2001WO-EP13885	PCT Application
JP2004517836W	November 28, 2001	2001WO-EP13885	PCT Application
US 7105184B2	November 28, 2001	2001WO-EP13885	PCT Application
EP 1347768B1	November 28, 2001	2001WO-EP13885	PCT Application
DE 50113541G	November 28, 2001	2001WO-EP13885	PCT Application
JP 4167063B2	November 28, 2001	2001WO-EP13885	PCT Application
AU 200227954A	November 28, 2001	2002AU-027954	
JP2004517836W	November 28, 2001	2002JP-547511	
JP 4167063B2	November 28, 2001	2002JP-547511	
KR2003061834A	June 4, 2003	2003KR-707448	
US20040047832A1	June 6, 2003	2003US-450008	
US 7105184B2	June 6, 2003	2003US-450008	Based on

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPS	<u>A61 K 36/00</u>	20060101
CIPP	<u>A61 K 36/00</u>	20060101
CIPP	<u>A61 K 36/00</u>	20060101
CIPS	<u>A61 K 36/00</u>	20060101
CIPS	<u>A61 K 36/18</u>	20060101

CIPP <u>A61</u> K <u>36/18</u>	20060101
CIPS <u>A61</u> K <u>36/185</u>	20060101
CIPS <u>A61</u> K <u>8/00</u>	20060101
CIPS <u>A61</u> K <u>8/34</u>	20060101
CIPP <u>A61</u> K <u>8/96</u>	20060101
CIPS <u>A61</u> K <u>8/97</u>	20060101
CIPS <u>A61</u> K <u>8/97</u>	20060101
CIPS <u>A61</u> P <u>17/00</u>	20060101
CIPS <u>A61</u> P <u>17/00</u>	20060101
CIPS <u>A61</u> P <u>17/00</u>	20060101
CIPS <u>A61</u> P <u>17/16</u>	20060101
CIPS <u>A61</u> P <u>17/16</u>	20060101
CIPS <u>A61</u> P <u>29/00</u>	20060101
CIPS <u>A61</u> P <u>29/00</u>	20060101
CIPS <u>A61</u> P <u>31/00</u>	20060101
CIPS <u>A61</u> P <u>31/00</u>	20060101
CIPS <u>A61</u> P <u>39/06</u>	20060101
CIPS <u>A61</u> P <u>39/06</u>	20060101
CIPS <u>A61</u> P <u>43/00</u>	20060101
CIPS <u>A61</u> P <u>43/00</u>	20060101
CIPS <u>A61</u> Q <u>17/00</u>	20060101
CIPS <u>A61</u> Q <u>17/04</u>	20060101
CIPS <u>A61</u> Q <u>17/04</u>	20060101
CIPS <u>A61</u> Q <u>19/00</u>	20060101
CIPS <u>A61</u> Q <u>19/00</u>	20060101
CIPS <u>A61</u> Q <u>19/02</u>	20060101
CIPS <u>A61</u> Q <u>19/08</u>	20060101
CIPS <u>A61</u> Q <u>19/08</u>	20060101
CIPS <u>A61</u> Q <u>5/00</u>	20060101
CIPS <u>A61</u> Q <u>5/00</u>	20060101
CIPS <u>A61</u> Q <u>5/02</u>	20060101
CIPS <u>A61</u> Q <u>5/02</u>	20060101
CIPS <u>A61</u> Q <u>5/12</u>	20060101
CIPS <u>A61</u> Q <u>5/12</u>	20060101

ABSTRACTED-PUB-NO: EP 1213025 A1

BASIC-ABSTRACT:

NOVELTY - Cosmetic and/or dermatological preparations (A) contain extracts (I) of the leaves of the plant Argania spinosa (a type of olive tree mainly found in Morocco) as care agents for the skin and hair.

DESCRIPTION - An INDEPENDENT CLAIM is included for the use of (I) as care agents for the skin and hair.

Antioxidant; Radical scavenger; Collagenase inhibitor; Elastase inhibitor; Melanogenesis stimulant.

USE - (I) are skin and/or hair care agents which have sunscreen action (especially against UV-a and/or UV-B radiation), show antiinflammatory, antimicrobial and antioxidant activity, counteract aging of the skin, inhibit proteases (specifically collagenase and/or elastase) and have pigmenting action (all claimed). Typically (I) are effective against sunburn, inflammatory skin disorders (e.g. due to UV radiation, skin contamination, bacterial or hormonal effects, including acne), bacterial infections of the skin (e.g. by *Staphylococcus*, *Streptococcus*, *Streptomyces* or *Propionibacterium*) or skin aging symptoms such as lines and wrinkles; or as melanogenesis stimulating artificial tanning agents. (I) are also useful for treating sensitive skin or skin affected by allergies.

ADVANTAGE - (I) are well tolerated; have a broad spectrum of beneficial care and protective effects on the skin and hair; have good stability (especially against oxidative degradation); and are derived from a renewable natural source.

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EQUIVALENT-ABSTRACTS:

PHARMACEUTICALS

Preferred Components: (I) contain flavone derivatives, specifically myricetin-, quercetin-, gossypetin-, kampferol- and luteolin-glycoside. (I) is incorporated in (A) at 0.01-25 wt. % (the remainder to 100% being water and optionally other auxiliaries and additives).

(I) are usually administered topically (e.g. in creams, gels, lotions, solutions, emulsions, wax/fat masses, sticks, powders, ointments, shampoos, hair lotions or bubble baths), but oral administration (e.g. as tablets or capsules) is also possible. (A) optionally contain other active agents, e.g. moisturizers, UV filters, vitamins, deodorants, germicides, antidandruff agents or insect repellents.

Chopped *Argania spinosa* leaves (0.3 kg) were stirred with distilled water (3 l) at 80-90 degrees C for 1 hour. After cooling and centrifugation at 5000 g for 15 minutes, the colloidal supernatant liquid was filtered through a 450 nm pore size filter. The yield of extract (as solids) was 26.8 wt. % based on the leaves. The extract was incorporated in a soft skin-care cream at 0.5 wt. %, the other components being 8.0 wt. % glyceryl sterarate/ceteareth-12/20/cetearyl alcohol/cetyl palmitate, 2.0 wt. % cetearyl alcohol, 2.0 wt. % dicaprylyl ether, 3.0 wt. % coconut glycerides, 3.0 wt. % cetearyl isononanoate, 3.0% glycerol (86%) and water to 100%. The cream had good skin care properties, and was well tolerated by the skin and stable against oxidative degradation.

TITLE-TERMS: COSMETIC DERMATOLOGY PREPARATION SKIN HAIR CARE CONTAIN SPINOSA LEAF EXTRACT SUNSCREEN ANTIINFLAMMATORY ANTIMICROBIAL ANTIOXIDANT EFFECT

DERWENT-CLASS: B04 D21

CPI-CODES: B04-A07E; B04-A08C2; B04-A09A; B04-A10B; B06-A01; B14-A01; B14-A01B2;

B14-A01B3; B14-A01B4; B14-C03; B14-D07C; B14-N17; B14-R01; B14-R02; B14-S08;
D08-B; D08-B03; D08-B09A1; D08-B09A3; D09-E01;

CHEMICAL-CODES:

Chemical Indexing M1 *01*
Fragmentation Code
M423 M431 M781 M782 P200 P220 P420 P616 P930 P941
P943 Q252 Q254 Q262 Q263 Q624
Specific Compounds
RA7JTK
Registry Numbers
564741

Chemical Indexing M1 *02*
Fragmentation Code
M423 M431 M781 M782 P200 P220 P420 P616 P930 P941
P943 Q252 Q254 Q262 Q263 Q624
Specific Compounds
RA00TQ
Registry Numbers
184600

Chemical Indexing M2 *03*
Fragmentation Code
D013 D014 D023 D024 D120 F012 F013 F014 F015 F016
F019 F123 F199 G013 G015 G017 G100 H4 H403 H404
H405 H423 H424 H441 H442 H443 H444 H481 H482 H483
H484 H521 H522 H523 H8 J5 J521 K0 L8 L814
L821 L831 M1 M113 M123 M125 M126 M129 M141 M149
M280 M311 M320 M321 M322 M323 M342 M373 M391 M392
M393 M412 M431 M511 M520 M521 M522 M523 M531 M540
M781 M782 P200 P220 P420 P616 P930 P941 P943 Q252
Q254 Q262 Q263 Q624
Markush Compounds
006801301

Chemical Indexing M2 *04*
Fragmentation Code
D014 D023 D024 D120 F012 F013 F014 F015 F016 F019
F123 F199 G013 G015 G017 G100 H4 H403 H404 H405
H423 H424 H441 H442 H443 H444 H481 H482 H483 H484
H521 H522 H523 H8 J5 J522 K0 L8 L814 L821
L831 L9 L960 M1 M113 M123 M125 M129 M141 M149
M280 M311 M320 M321 M322 M323 M342 M373 M391 M392
M393 M412 M431 M511 M520 M521 M522 M523 M531 M540
M781 M782 P200 P220 P420 P616 P930 P941 P943 Q252
Q254 Q262 Q263 Q624
Markush Compounds
006801302

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